

## **METHODS AND ARRANGEMENT FOR POWER TRANSMISSION OVER TELEPHONE LINES**

### **ABSTRACT OF THE DISCLOSURE**

Methods and an arrangement for transmitting electrical power from a power source to a remote load over a telephone twisted pair are provided so as to power the load. The power source may transmit a plurality of electrical power feeds over a plurality of twisted pairs, each power feed limited to no more than 100 watts in a given twisted pair. One or more (or all) of a plurality of independent, power converters at the remote load may generate a voltage output based on receipt of a given power feed from a corresponding twisted pair.